

## Pressure Worksheet

What is gas pressure?

What are the four units of pressure we are studying with gases?

What is pressure measured with and who was the first person to use one?

What is the standard atmospheric pressure in:

atm \_\_\_\_\_ mm Hg \_\_\_\_\_ torr \_\_\_\_\_ kPa \_\_\_\_\_

Convert the following pressures. Show all of your work with units.

1.0 atm =   ?   mm Hg

670 mm Hg =   ?   torr

570 mm Hg =   ?   atm

150 kPa =   ?   atm

800 mm Hg =   ?   kPa

What will happen to gas pressure as elevation increases, why? (be sure to refer to numbers of gas molecules in your answer)